

SR-VPN1



Simple VPN Router for Radio over IP Supports IP Multicast Routing

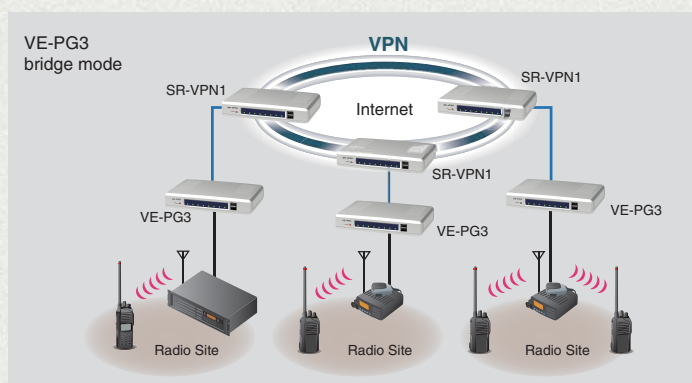
The SR-VPN1, VPN router creates a VPN tunnel over the Internet and assists in building a Radio over IP communication network with easy configuration. Icom offers a variety of products which merge a radio system with an IP network and expand communication coverage (IDAS™, VE-PG3 and VE-PG2). The SR-VPN1 is the best match VPN router for these Icom RoIP products.

Up to 32 Multi-site VPN Tunnels

The SR-VPN1, VPN router provides up to 32 VPN IPsec tunnels. The VPN allows secure, private communication over the Internet. The IPsec wizard focuses on the basic setting items for VPN connection and provides simple step-by-step instructions.

IP Multicast Routing

The SR-VPN1 supports IPv4 multicast routing for VE-PG3 and VE-PG2 multicast transmission.



High-speed Gigabit Network

Built-in 1000BASE-T gigabit Ethernet delivers the performance required for RoIP communication. The 4 gigabit LAN ports with managed switch function offer simple network configuration. The automatic MDI/MDI-X function detects the required cable types.

Dual WAN Ports for Automatic Failover

The dual WAN ports keep a redundant Internet connection. Different internet providers can be configured to each port. If the primary line is down, the SR-VPN1 automatically switches over to the secondary line.

USB Flash Drive Connection

A USB flash drive can be connected to USB ports on the front panel. Firmware updates and setting data backup and restore can be made via the connected USB flash drive. A firmware update also can be made via Internet connection.

SNMP and Syslog Messages

The SR-VPN1 supports SNMP and syslog messages for network monitoring. The stored syslog messages can assist in system administration and troubleshooting.

* A xDSL or FTTH modem is required separately for Internet connection.

SPECIFICATIONS

GENERAL

- Power supply : 12V DC $\pm 10\%$ (main unit)
(12V AC adapter supplied.)
- Operating temperature range : 0°C to +40°C; 32°F to +104°F
- Operating humidity : 5% to +95% RH
- Dimensions (W×H×D) : 232×38×168 mm;
(Projections are not included) 9.13×1.5×6.61 in
- Weight : 800g; 1.76lb (approx.)

INTERFACE

- WAN interface : Two 10BASE-T/100BASE-TX/
1000BASE-T ports
(RJ-45 connectors, Auto MDI/MDI-X)
- LAN interface : Four 10BASE-T/100BASE-TX/
1000BASE-T ports
with switching hub
(RJ-45 connectors, Auto MDI/MDI-X)
- USB interface : Two USB (2.0) ports
- Maintenance console : One RS-232C (RJ-11) connector

VPN

- IPsec tunnels : Up to 32
- Encryption : 3DES, AES-128, AES-192,
AES-256
- Authentication : MD5, SHA-1
- IKE keying method : Pre-shared Key
- NAT traversal : Supported
- Multicast protocol : Supported
(VE-PG3 and VE-PG2 only)

NETWORK

- Network protocol : TCP/IP (IPv4)
- DHCP : DHCP server, Static DHCP
- Routing : Static routing

ROUTER

- WAN : DHCP client, Static IP, PPPoE
- WAN Failover : Link Status, DNS lookup, Ping
- NAT : IP masquerade, Static masquerade
- IP Filtering : Supported
- Dynamic DNS : Supported
- DMZ : Supported

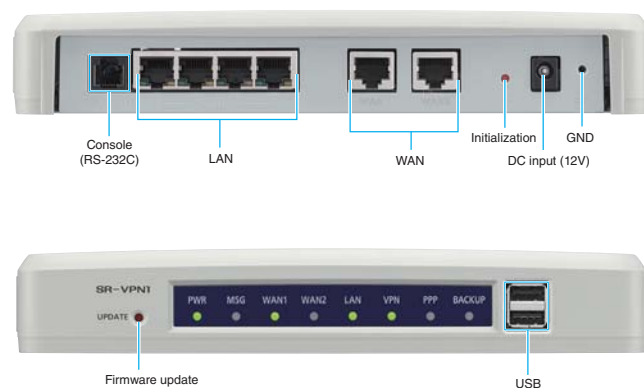
MANAGEMENT

- Management protocols : Web browser (HTTP/HTTPS),
SNMP, Syslog, Telnet/SSH
- Network diagnostics : Ping, Traceroute
- Firmware update : Web browser, USB flash drive
- System time : Supports NTP, daylight saving

All stated specifications are subject to change without notice or obligation.

Supplied accessories : AC adapter, BC-207S

PANEL VIEWS

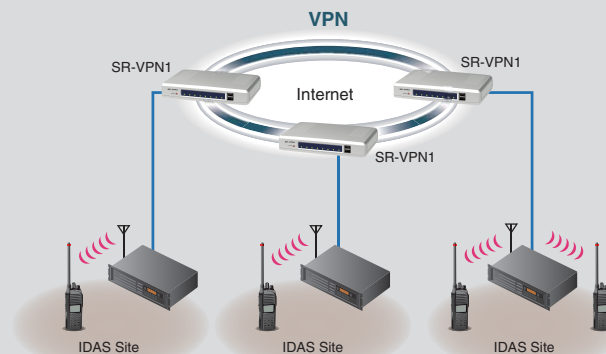


OPTIONS

AC ADAPTER
BC-207SSERIAL CABLE
OPC-1402

For maintenance use only

IDAS™



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